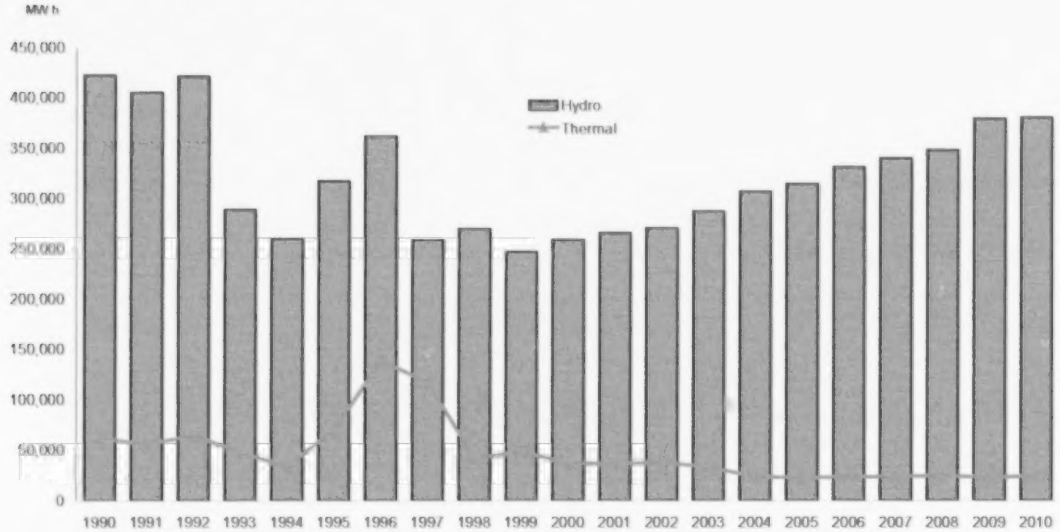
Yukon Energy Facts

Electricity Generation

	YUKON ELECTRICAL COMPANY		YUKON ENERGY CORPORATION			YUKON TOTAL			GRAND TOTAL
	HYDRO	THERMAL	HYDRO	THERMAL	WIND	HYDRO	THERMAL	WIND	
	(MW.h)		(MW.h)			(MW.h)			
2010	3,388	19,139	377,043	5,127	85	380,431	24,266	85	404,782
2009	8,094	19,996	370,962	2,645	238	379,056	22,641	238	401,935
2008	6,551	23,093	341,742	1,662	437	348,293	24,755	437	373,485
2007	9,025	22,334	331,226	1,247	362	340,251	23,581	362	364,194
2006	6,950	21,804	324,473	1,694	605	331,423	23,498	605	355,526
2005	6,858	21,807	307,717	580	890	314,575	22,387	890	337,852
2004	5,799	21,988	301,038	1,705	477	306,837	23,693	477	331,007
2003	4,948	21,512	282,391	11,354	898	287,339	32,866	898	321,103
2002	8,118	21,824	262,259	16,176	1,087	270,377	38,000	1,087	309,464
2001	9,165	21,026	256,709	15,105	1,125	265,874	36,131	1,125	303,130
2000	6,930	20,963	252,134	16,026	394	259,064	36,989	394	296,447

* *Hydro electricity*: Energy produced by utilizing the water flow in a river.
* *Thermal electricity*: Energy produced by generators which run on petroleum products (e.g. diesel).
* *Wind electricity*: Wind generator at Haeckel Hill, Whitehorse, went into service in the fall of 1993. A second wind generator was added in October 2000.



Source: Yukon Electric Company and Yukon Energy Corporation.

Note: *This publication presents the most current data available: 2009 or 2010 depending on the data source.*

Electricity Cost and Consumption

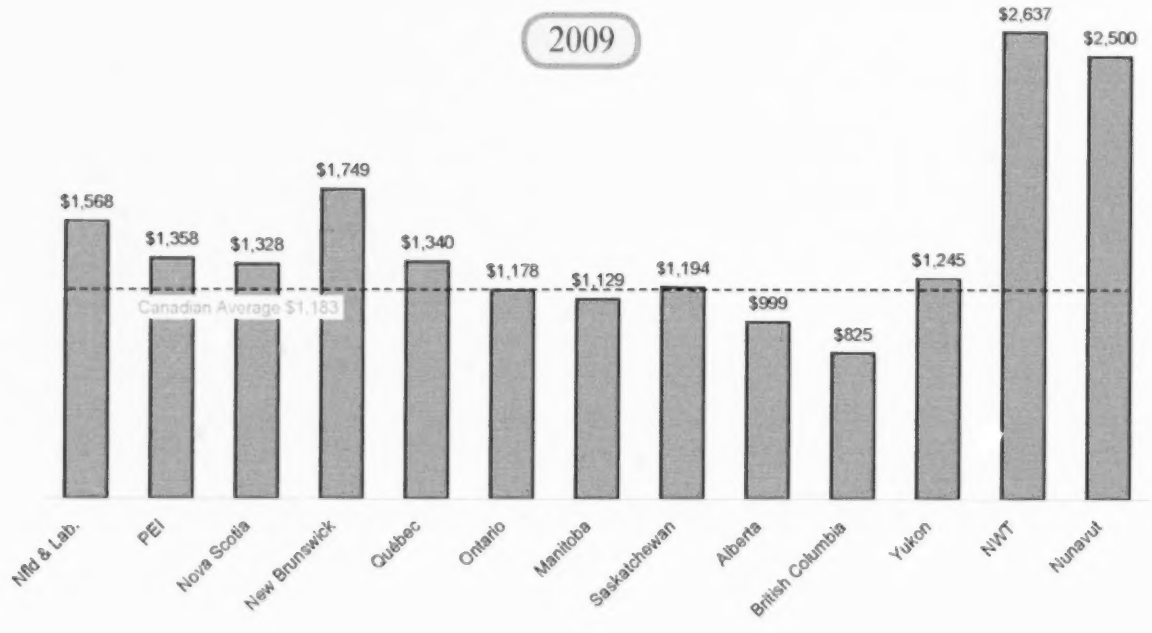
Residential/Agricultural Customers

	Average Annual Bill ($)		Consumption Per Customer (KW.h)		Consumer Cost Per KW.h (cents)	
	Canada	**Yukon**	**Canada**	**Yukon**	**Canada**	**Yukon**
2009	1,183.41	1,245.39	12,465	9,978	9.49	12.48
2008	1,127.75	1,146.68	12,439	9,930	9.07	11.55
2007 (r)	1,122.69	1,109.10	12,781	9,600	8.78	11.55
2006	1,015.23	1,129.15	11,575	9,679	8.77	11.67
2005	1,020.43	1,053.30	12,266	9,157	8.32	11.50
2004	1,006.53	1,045.19	12,431	9,102	8.10	11.48
2003	959.81	1,085.77	12,409	9,290	7.73	11.69
2002	950.43	1,051.87	12,246	9,339	7.76	11.26
2001	905.81	1,033.32	12,133	9,352	7.47	11.05
2000	887.91	1,388.28	11,950	9,761	7.43	14.22
1999	881.90	1,253.84	11,996	9,702	7.35	12.92

Source: Statistics Canada, special tabulation

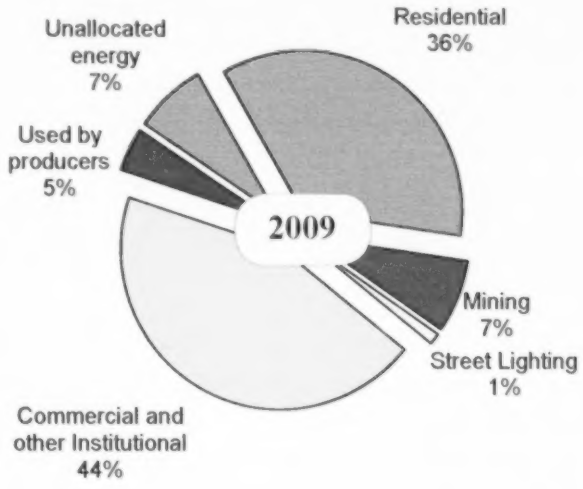
The average annual electricity bill in Yukon was $1,245.39 in 2009, an increase of $98.71, or 8.6%, from 2008. Comparing Yukon to Canada, Yukon's average is $61.98, or 5.2%, nigher than the Canadian average of $1,183.41. On average, Yukoners consume annually 9,978KW.h of electricity, 20.0% less than the Canadian average of 12,465 KW.h.

Annual Electricity Bill



Electricity Distribution

Industry (*Mining* combined with *Commercial and Other Institutional*) accounted for more than half (51%) of all electricity distributed in Yukon in 2009. *Mining* accounted for 7% of electricity produced in 2009, up from 1% in 2008. Usage by residential customers totalled 143,296 megawatt-hours and accounted for 36% of electricity distributed in 2009.



Source: Statistics Canada, special tabulation.

Heating Equipment and Fuel

Nationally, approximately half of all households were heated by natural gas in 2009, while the majority of Yukon households (62.5%) are heated by heating oil. In Canada overall, 36.6% of households use electricity as their primary source of heat while only 16.3% of Yukon households do. Hot air furnaces were the most common principal heating equipment for both Canada and Yukon in 2009.

2009	Canada	Yukon	Whitehorse
	%		
Principal Heating Equipment			
Steam or hot water furnaces	13.7	13.6	13.7
Hot air furnaces	49.7	55.7	54.4
Heating Stoves[1]	4.2	15.7	F
Electric Heating[2]	32.4	14.9	17.7
Other[3]	F	F	F
Prinicipal Heating Fuel			
Oil or other liquid fuel	8.4	62.5	60.4
Natural gas	49.2	F	F
Propane	1.0	F	F
Electricity	36.6	16.3	19.4
Wood	4.3	16.7	14.6
Other	0.6	F	F

1. Heating stoves are localized heating units with no central distribution system to other parts of the house (e.g., oil space heater, gas space heater, wood stoves).
2. Includes permanently installed baseboard electric heating and other types such as floor or ceiling heating wires in all or most rooms.
3. Includes cookstoves and any other type of heating equipment not otherwise listed.

F = too unreliable to be published.
Source: Statistics Canada, Survey of Household spending, 2009, CANSIM table 203-0019.

Median Household Expenditures on Selected Energy Components (for households reporting an expenditure in these components)

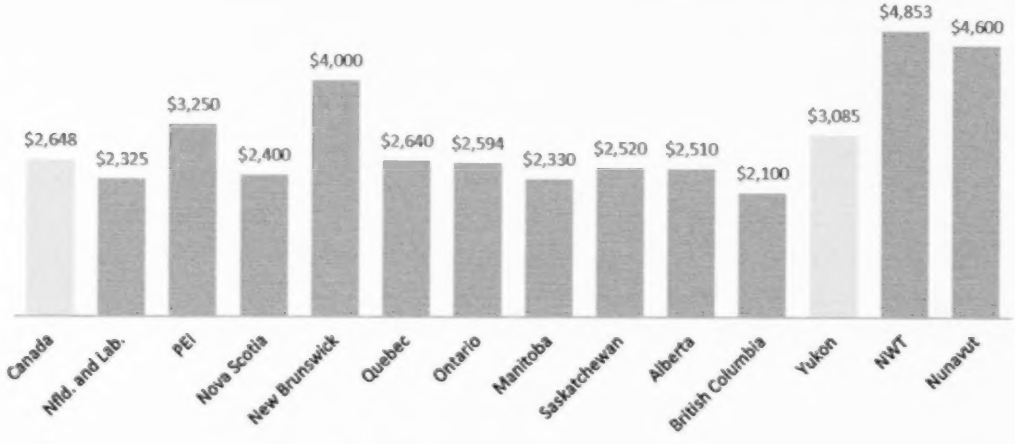
2009	Transportation Expenditures	Shelter Expenditures[1]		
	Gas and other fuels[2]	Electricity	Natural gas	Other fuels[3]
	$			
Canada	**2,060**	**1,200**	**1,248**	**200**
Newfoundland & Labrador	2,340	1,800	F	525
Prince Edward Island	2,020	1,300	F	1,950
Nova Scotia	2,000	1,200	F	1,200
New Brunswick	2,080	2,000	1,400	600
Quebec	2,000	1,300	840	500
Ontario	2,260	1,200	1,294	100
Manitoba	1,850	1,080	1,200	50
Saskatchewan	2,100	1,200	1,260	60
Alberta	2,080	1,200	1,250	60
British Columbia	1,900	800	1,200	100
Yukon	**2,000**	**1,200**	**F**	**1,885**
Northwest Territories	2,400	1,853	F	3,000
Nunavut	1,920	1,000	F	3,600

[1] For principal accommodation.
[2] For owned or leased automobiles and trucks/vans.
[3] For example oil, propane, wood etc.

F = Too unreliable to be published.
Source: Statistics Canada, Survey of Household Spending 2009, CANSIM tables 203-0003 and 203-0007.

Electricity and Heating Fuel Combined Expenditures

When annual electricity and heating costs are combined, shelter energy cost comparisons can be made across the country. Yukon ($3,085) ranked fifth highest in the country in 2009, $437 higher than the national average of $2,648. The lowest costs were in British Columbia ($2,100) while the highest costs were in NWT ($4,853).



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